



KAISER • HILL  
COMPANY

## MEMORANDUM

Date: January 30, 2002

To: Jan Robbins

From: Pam Arnold

*Minutes are unclassified  
and NOT UCNI: [Signature]  
2-11-02*

Subject: WEEKLY STATUS MEETING DOE/LRA for January 30, 2002

Attached are the minutes for the referenced weekly meeting for the Operating Record.  
In attendance were:

R. Ahlstrand	K. Kunert	F. Gerdeman
P. Arnold	J. Floerke	F. Jaeger
A. Cameron	D. Foss	G. Tasset
K. Harms	J. Hindman	D. Ward

In addition to the attached status, the following was discussed:

1. Floerke noted that the first 10 Raschig ring tanks have been completed with respect to RR removal and all of them had been characterized as SCO.
2. Floerke noted that B371 plans to campaign Raschig ring removal and lend its steam delivery system for cerium rinse to B774 where cerium rinse is proving a vast improvement over their previous decontamination method.
3. Hindman asked if there was a plan to quantify sludge remaining in the PWTS in order to declare RCRA stable. He indicated that quantifying the sludge, as well as ensuring a minimum volume is remaining, is a key element to attaining RCRA stable. Hindman, Ward, and Harms were to meet elsewhere directly following the weekly meeting.
4. Hindman also asked about engineering calculations requested by Onyskiw. At the January 16 weekly meeting, Onyskiw requested copies of the "400 package" be given to her, Hindman, and Ahlstrand. They would look at the package and then decide whether or not they would request a follow-on meeting particular to that subject. She also asked for engineering calculations indicating the volume of air/liquid required to clear the PWTS lines. Harms indicated that those calculations would be part of the 400 package, which was not finalized. Hindman noted that a draft would be fine for their initial review and warned that they needed time to review the document.

The meeting was short and discouraged additional discussion due to a fact finding meeting that would be held at 10:00, cutting short the time available in the conference room.

End

371/4 Project  
WEEKLY STATUS MEETING DOE/LRA for January 23, 2002

B371-A-000073

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1/10

# **B371 CLOSURE PROJECT**

## **WEEKLY STATUS MEETING**

*Every Wednesday, 9:30 a.m.*

*B371 Conference Room*

**January 30, 2002**

### **AGENDA**

#### **INTRODUCTION** — Pam Arnold, X6035, Pager 303-212-4835

#### **D&D**

**Presenters** — Jim Floerke, X2850, Pager 303-212-3292 & Mike McGrory, X5100, Pager 303-212-2146

- Liquids Draining
- Tank Deactivation
- Glovebox Deactivation
- CSV Deactivation
- Special Projects
  - Cerium Nitrate
  - MAA/PA Closure
- B374 Deactivation

**Presenter** — Jim Floerke, X2850, Pager 303-212-329

- Special Projects
  - Cleanup
  - Breathing Air
- Sets 7, 24, and Status

#### **ENVIRONMENTAL** — Pam Arnold, X6035, Pager 303-212-4835

#### **AUTHORIZATION BASIS/BIO** — John Almon x3217, Pager 303-212-3426

# **D&D Summary (AAC)**

**Week Ending 1/25/02**

## **Non-actinide Liquid Draining**

Continuing to develop Set 6 strategy.

### **Tanks**

- Set 3 (3517) line isolations are complete. Raschig Ring package to start this week. Cerium decon and D&D ready packages are ready-to-work. (1AC103AT00)
- Set 4 Raschig Ring removal from tanks 152A & B complete; surveys determined tanks meet SCO requirements; Determining disposition of tanks 150 & 133 (have non-boron silica rings); cerium decon and D&D ready packages are ready work. (1AD104AH00)
- Set 13 cerium decon and D&D ready packages for 2307 and 2317 are ready-to-work. The 2307 line isolation package started; the 2317 electrical line isolation package is complete; the mechanical line isolation package is ready to work. The work package for 2319 is in Engineering. (1AC113AT00)
- Set 15 (2223) line isolation walkdown complete; package in planning.

### **Gloveboxes**

- No GB deactivation is scheduled at this time.

### **CSV**

- I/O 8 modification package is in Engineering; ECRs for transfer tunnel modification (eliminates need for crate drop and XYZ traverse) and the I/O 8 mod are in process.
- The guillotine door switch relocation package is in progress.
- I/O 8 drain line installation package is in progress.
- Lead removal is 90% complete; remaining lead will be removed with the lead windows.
- Electrical isolation package starts this week.
- Mechanical isolation package is in Engineering prereqs; should start this week.
- GB removal walkdown complete; package in engineering prereqs
- Health Physics Vent Removal package in prereqs.

### **Cerium Nitrate**

- CeN decontamination procedure is complete and approved.
- Internal management review to be performed prior to hot startup.

### **MAA/PA Closure**

- The draft B371 MAA/PA Closure Plan is 85% complete.

- Comments from Kaiser-Hill Safeguards and Security and B371 SNM Removal Organizations are being incorporated into the Closure Plan
- A draft copy of the B371 MAA/PA Closure Plan will be provided informally to DOE on January 31.

### **B374 Deactivation**

- Flushing process waste water lines – 800 and 400 series buildings scheduled for completion in February and will be followed by installation of the modification to send water to 231B. Other system blowdowns will be performed later to the 231B Tank.
- 231 sludge removal - Subcontract has been placed. Scheduled completion date is 15 February.
- Cessation of operations - Planned for March 2002.
- Transition to decommissioning - Some decommissioning work will commence in February.

## **D&D Summary (AAD)**

**Week Ending 1/25/02**

### **Special Projects**

#### **Breathing Air Modification:**

- Air compressor positioned and anchored in room 2103; installing electrical and mechanical connections.
- Tank racks installed and painted.
- Wall has been replaced.
- Room 2103 wall will be replaced after installation of piping.

#### **Cold Area D&D:**

- Engineering of the B381 fluorine building is complete; mechanical and electrical isolation packages are in planning; clean out is complete.
- Mercury Vapor Light repower is complete.
- Fire Phone and LSDW IWCPs are approved; scheduling work.
- Room 3179 engineering is complete, may be put on hold.
- Rooms 4101, 4102, 4103 and 4104 engineering planned to be complete 1/30.
- Mechanical engineering package for demolition of the UGST is complete; resolving fire alarm wiring issue with electrical isolation package.

### **Set 7: Dismantlement**

- Electrical dismantlement is in progress.
- Ancillary equipment mechanical isolation is 50% complete.
- Determining disposition path of crated gloveboxes; may go SCO.
- Lead removal SWP is ready-to-work.
- Waterwall drain package is ready-to-work.
- Found and removed Raschig Rings from Process Heat Exchange E51; performing final surveys.

### **Set 21: Dismantlement**

- The engineering for the saltcrete system dismantlement from room 3809 is complete; packages are in review.
- Radiological surveys found no contamination; Be survey results were less than action levels.
- Davis-Bacon determination is complete; will go construction.

### **Set 14: Dismantlement**

- Lead removal package is complete.
- Electrical isolation has started.
- Mechanical isolation package should start this week.
- Preparing SWP package for removing glovebox contents.
- Estimates for size reduction tent complete.

**ENVIRONMENTAL STATUS**  
**REGULATED UNITS**

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
N/A	AM	Tanks: D-200, D-241, D-242, D-243, and D2860		4103	Evaluating for Idle Equipment and inspection frequency
		Electric Motor/Pump		4103	
		Tanks: D261A, D261B, D253A, D253B, D254A, D254B, D223, D210, D204, D723, D250, D224, D249, D205, D203, D207, D256, D255, D309		4104	
		Glovebox		4104	
		Pumps		4104	
		Motors		4104	
		Piping		4104	
3		Tanks: D132A, B, and C	MRT	3517	
		Nitric Acid Recirc. pump 31-11, P-28A	IE: 0049	3517	
		Nitric Acid Recirc pump 31-11, P28B	IE: 0050	3517	
		Nitric Acid Recirc pump 31-11, P29A	IE: 0051	3517	
		Nitric Acid Recirc pump 31-11, P29B	IE: 0052	3517	
		Nitric Acid pump 31-15, P63	IE: 0054	3517	
		Pumps P-28A, P-28B, P-29A, and P-29B	IE: 0107	3517	
		Pumps P-33A, P-33B, P-34A, P-34B	IE: 0109	3517	
4		Tanks: D133, D150, D151, D152A, D152B	MRT	3571	
		Ancillary Equipment: Evaporator-reboiler E-55, Evaporator Bottoms Cooler E-56, Condenser E-57, and Nitric Acid Feed Heat Exchanger E-62.	MRT	3571	
		Evaporator Bottoms Pump 31-18 P49A	IE: 0079	3571	
		Evaporator Bottoms Pump 31-18 P49B	IE: 0080	3571	
		Pumps 33 A&B, 34 A&B	IE: 0109	3571	

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# ENVIRONMENTAL STATUS - REGULATED UNITS, cont.

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
5	Tanks: D134A, D134B D134C, D135A, D135B, D289A, D289B, and D289C.	MRT	3573	Raschig Rings removed from Tanks D134B, D134C, and D289A, and D289B. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.
7	Container Storage - Room	371.1A	3301	
	Mixed Residue Tank - Ancillary Equipment only	N/A	3303	
	Container Storage - Room	371.1A	3305	
	Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180	IE: 0122	3305	
	Mixed Residue Tank - Ancillary Equipment only	N/A	3305	
	Container Storage - Room	371.1A	3315	
	GB Storage - GB#32	371.1B	3315	
12	CWTS: GB 2401	371.3A	1105	
	CWTS: GB 2402, 2403	371.3A	1103	
	CWTS: GB 18, 23, 2404	371.3A	1115	
	CWTS: Tanks 2401A, B, C & D, 2402A & B, and 2403	371.3A	1103	
	Master process control and alarm panel	N/A	1113	
	Container Storage - Room	90.14	1111	Not currently in Permit - to be closed
	Container Storage - Room	90.19	1115	Not currently in Permit - to be closed
	Tanks: D-44A-1, D-44A-2, D-44A-4, D-44A-5, D-44A-6, D-44B-1, D-44B-2, D-44B-4, D-44B-5, D-44B-6	MRT	1107	
	Tanks: D-43A-1, D-43A-2, D-43A-3, D-43A-4, D-43A-5, D-43B-1, D-43B-2, D-43B-3, D-43B-4, D-43B-5	MRT	1109	
	Tanks: D-160A, B, D-400A, B, D, D-179	MRT	1115	
	Tanks: D-2A, B, D-157A, B, D-238A, B, D-240A, B, D-170, D-171	MRT	1117	

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Revision: 01/29/02

# ENVIRONMENTAL STATUS - REGULATED UNITS, cont.

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
12		Tanks: D-293A & B	MRT	1127	
	AB	Container Storage - Room	371.1A	1103	
	AB	Vault Container Storage	371.1C	1101	
		Wash Liquid Pump 31-17, P-182	IE: 0008	1117	
		HAS Waste Pump 34-04, P4B, Tank D4B from E9, T10 to 2, D811	IE: 0009	1117	
		HAS Waste Pump 34-04, P3A, Tank D3A, from E1, E80 to D811	IE: 0010	1117	
		HAS Waste Pump 34-04, P3B, Tank D3B, from E1, E80 to D811	IE: 0011	1117	
		HAS Waste Pump 34-04, P4A, Tank D4A, from E9-E10 to D2, D811	IE: 0012	1117	
		Pumps P-140, P-141A, P-141B	IE: 0113	1115	
		Pumps P-181 and P-182	IE: 0114	1117	
13		Pumps P-5A, P-5B, P-6A, P-6B, P-7A, P-7B, P-15A, P-15B, P-27A, P-27B, P-107A, P-107B, JP-108A, P-108B	IE: 0115	1125	
		Tank D-292A & B	MRT	2317	
		Pumps P-21A, P-914	IE: 0117	2307	
		Pumps P-85A, B, C; P-27A, B, C	IE: -119	2317	
14		Container Storage - Room	371.1A	2325	
18		Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A, D826B, D826C.	374.3	3801	
		See Set 19 also			
		Tanks: D827, D830, D832, D834, D876, D879, T802, T803, T804, T805.	374.3	3810/4814	

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**ENVIRONMENTAL STATUS - REGULATED UNITS, cont.**

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
19	Tanks: D802A, B, C, D804A, B, C, D, D811A, B, D843, D852, D875, D847, D851.	374.3	2804	
18/19	Tanks: D806, D807A & B, D808, D843, D942.	374.3	2804/3801	
19	Tanks: D801A, B, & C, D826C, D878, D883A & B, D884,	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	Tanks D883A/B have been declared RCRA Stable and transferred to D&D
19	Spray Chamber W803, Spray Dryer Baghouse FL803	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19/21	Tanks: D824A & B, DD825 A & B, D844 A & B, D848	374.3	2804/3801/ 3803/3805/ 4805/4807	
19	Drum Filter Basins: FL802A & B, Sludge Dryer: W801, Dry Sludge Hopper: H3, Dry Sludge Conveyors: CV813A & B See Set 21 also	374.3	2804/3801/ 3803/3805/ 4805/4807	
24	GB Storage - GB's 72B and 72C	371.1B	3408	GB's 72B and 72C have been closed by "Unit Removal in Conjunction with 'Debris Rule' Treatment".
	Mixed Residue Tank - Ancillary Equipment	N/A	3408	
56	Tanks: D806 and D807A/B, 808, 812, 813, 814, 815, Polishing Filter FL831 GB Storage - GB's 107 and 113	374.3 374.3	3801 3801	Tanks D807A/B, D808, D813, D814, D815, and D816 have been declared RCRA Stable and transferred to D&D.
57	No RCRA Units			
58	Tanks: D825A, D825B, D844A, D844B, D848 Ancillary Equipment: FL802A, FL802B, W801, H3, CV813A, CB813B, CV808, CV812, CV813A/B, CV816, W801, H3, FL802A/B, T807, E804A/B/C, E817A/B, P806A/B, P815A/B, P816A/B, P862A/B. GB Treatment: GB's 115 AB, 116AB, 117AB, 118 AB.	374.3 374.3	3803/4805/ 4807 3803/4805/ 4807 3803/4805/ 4807	Tanks: 825A, D825B, D844A, D844B, D848 have been declared RCRA Stable and transferred to D&D.

# **Basis for Interim Operations (BIO)**

**Week Ending 01/25/02**

## **PuSPS Page Changes**

- Process less than 80% Pu oxides
  - Revised technical report to resolve DNFSB issues
  - Page change will be completed consistent with technical report

## **Operations Page Changes**

- Page change to incorporate all JCOs
  - Waiting for DOE comments on draft
- Residue Product Carts
  - Submitted to DOE 01/25/02

## **Other Page Changes**

## **D&D Support**

- Out-of-commission
  - USQDs completed for placing dismantlement sets out-of-commission:

Set	Date Completed	Date to DOE	Response Due
24	09/27/01	10/01/01	10/08/01
7	10/24/01	10/30/01	11/06/01
14	11/13/01	11/28/01	12/05/01
13	12/13/01	12/18/01	12/25/02*
21	12/11/01	01/15/02	01/22/02
12, Ph. 1	01/02/02	01/15/02	01/22/02
15	01/09/02	01/24/02	01/31/02
AM, Ph. 1	being worked		
PWTS	being worked		

- \* Received response from DOE, 12/21/01. Memo concluding that the GBOH detectors for the gloveboxes in Room 2317 have been appropriately dispositioned sent to DOE 01/24/02.